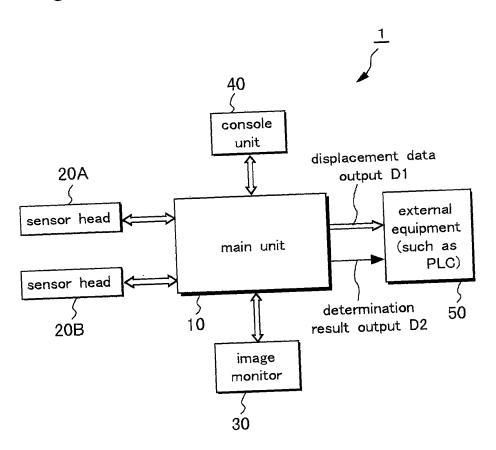


Title: DISPLACEMENT SENSOP HAVING A DISPLAY DATA OUT Inventor(s): Tatsuya Matsunaga, et Atty. Docket No. 058856/0102 Sheet 1 of 23

Fig. 1





Title: DISPLACEMENT SENSOR HAVING A DISPLAY DATA OUTPU Inventor(s): Tatsuya Matsunaga, et al. Atty. Docket No. 058856/0102 Sheet 2 of 23



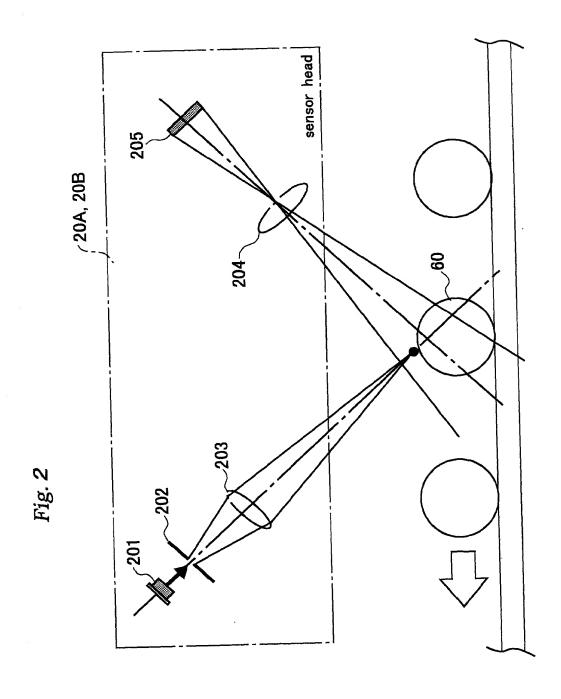


Fig. 3

Title: DISPLACEMENT SENSOR HAVING A DISPLAY DATA OUTPUT Inventor(s): Tatsuya Matsunaga, et al. Atty. Docket No. 058856/0102 Sheet 3 of 23

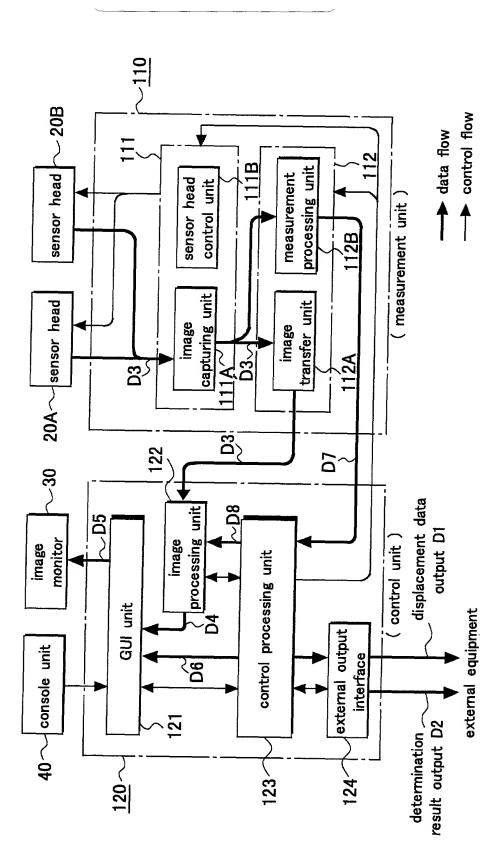
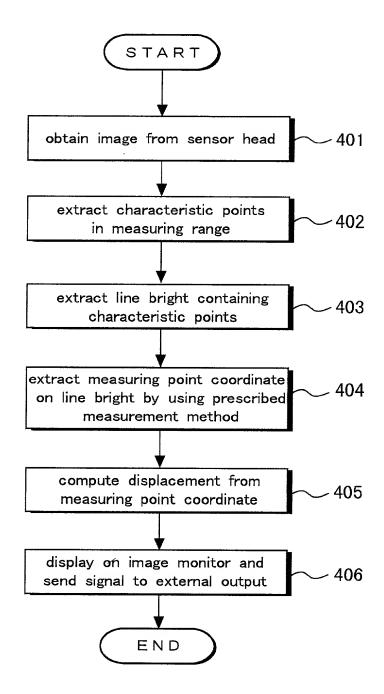


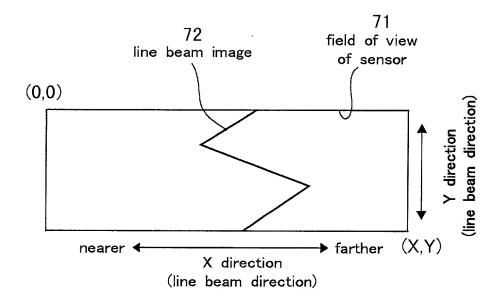


Fig. 4



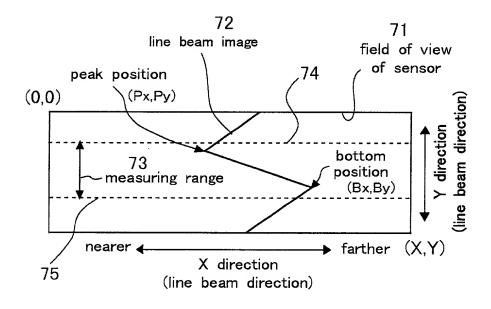
Title: DISPLACEMENT SENSOR
HAVING A DISPLAY DATA OUTPUT
Inventor(s): Tatsuya Matsunaga, et al.
Atty. Docket No. 058856/0102
Sheet 5 of 23

Fig. 5



Title: DISPLACEMENT SENSOR
HAVING A DISPLAY DATA OUTPUT
Inventor(s): Tatsuya Matsunaga, et al.
Atty. Docket No. 058856/0102
Sheet 6 of 23

Fig. 6



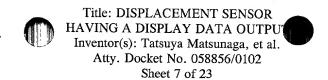
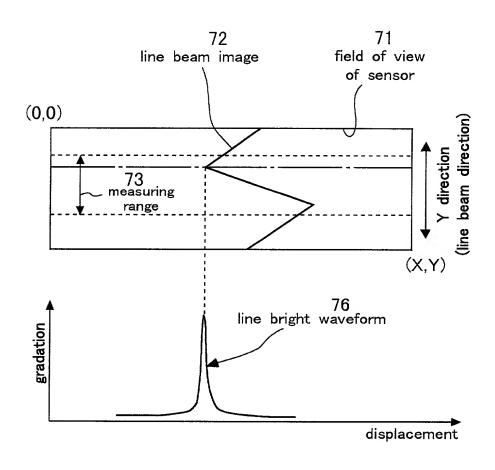


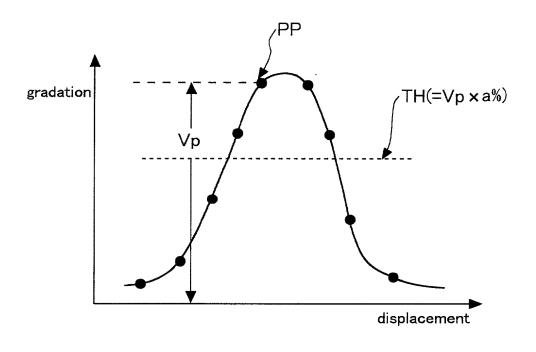
Fig. 7





Title: DISPLACEMENT SENSOR HAVING A DISPLAY DATA OUT Inventor(s): Tatsuya Matsunaga, et Atty. Docket No. 058856/0102 Sheet 8 of 23

Fig. 8

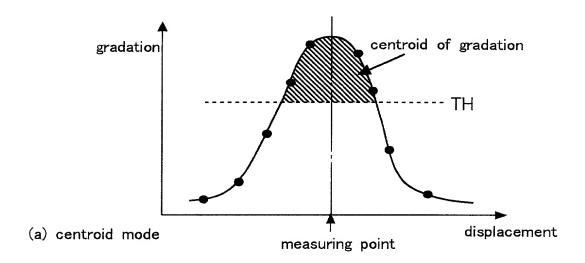


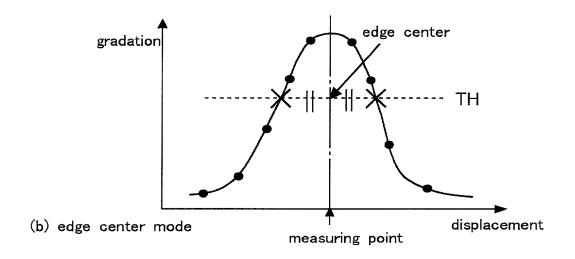


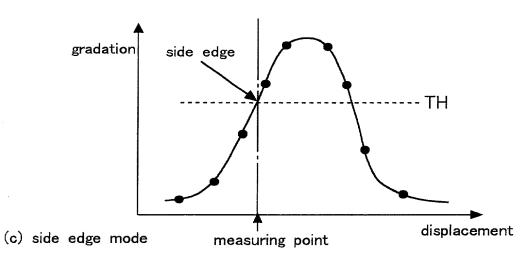
Title: DISPLACEMENT SENSOR HAVING A DISPLAY DATA OF Inventor(s): Tatsiya Matsiya Co

Inventor(s): Tatsuya Matsunaga, et al. Atty. Docket No. 058856/0102 Sheet 9 of 23

Fig. 9



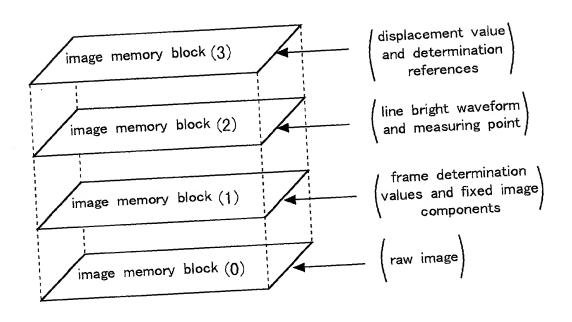






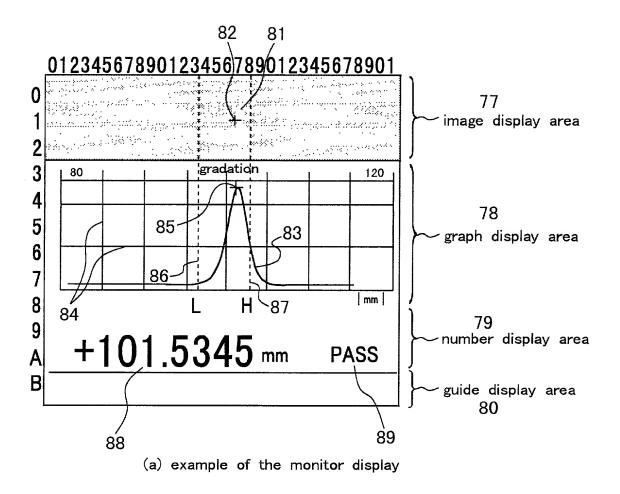
Title: DISPLACEMENT SENSOR HAVING A DISPLAY DATA OUTI Inventor(s): Tatsuya Matsunaga, et al. Atty. Docket No. 058856/0102 Sheet 10 of 23

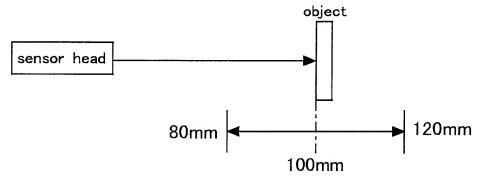
Fig. 1 0



Title: DISPLACEMENT SENSOR HAVING A DISPLAY DATA CATPUT Inventor(s): Tatsuya Matsuna al. Atty. Docket No. 058856/0102 Sheet 11 of 23

Fig. 1 1



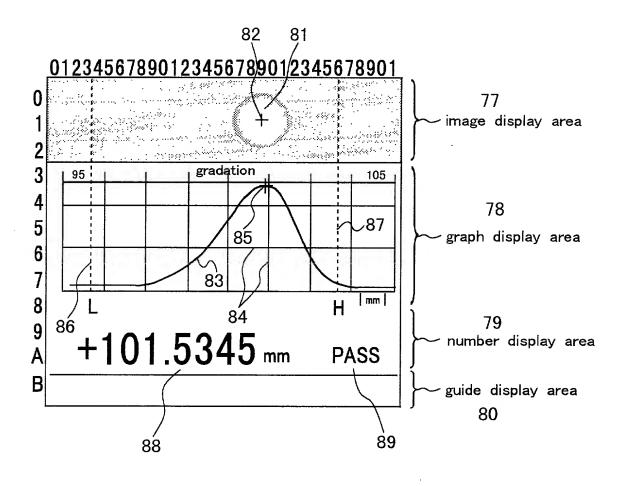


(b) relation between the sensor head and the object



Title: DISPLACEMENT SENSOR HAVING A DISPLAY DATA OUTPUT Inventor(s): Tatsuya Matsunaga, et Atty. Docket No. 058856/0102 Sheet 12 of 23

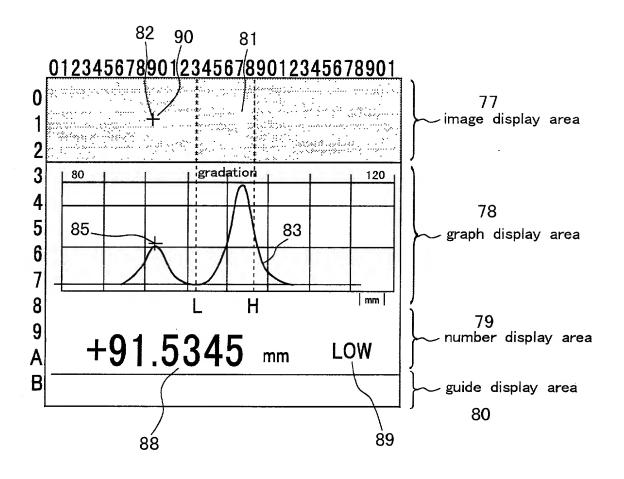
Fig. 1 2





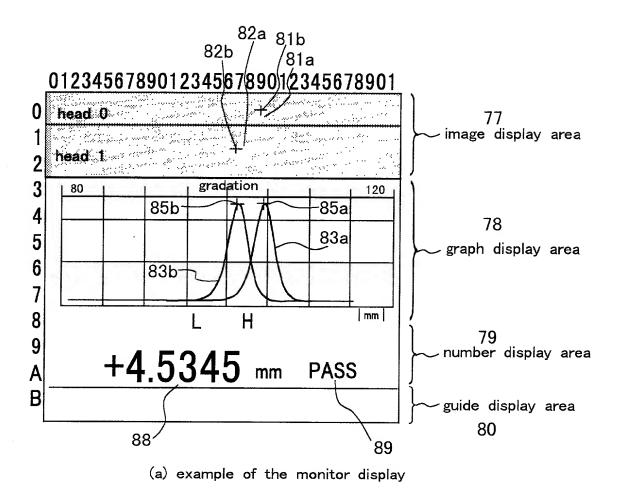
Title: DISPLACEMENT SENSOR HAVING A DISPLAY DATA OUT Inventor(s): Tatsuya Matsunaga, et Atty. Docket No. 058856/0102 Sheet 13 of 23

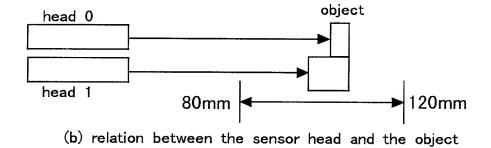
Fig. 1 3



Title: DISPLACEMENT SENSOR
HAVING A DISPLAY DATA
Inventor(s): Tatsuya Matsuna
Atty. Docket No. 058856/0102
Sheet 14 of 23

Fig. 1 4

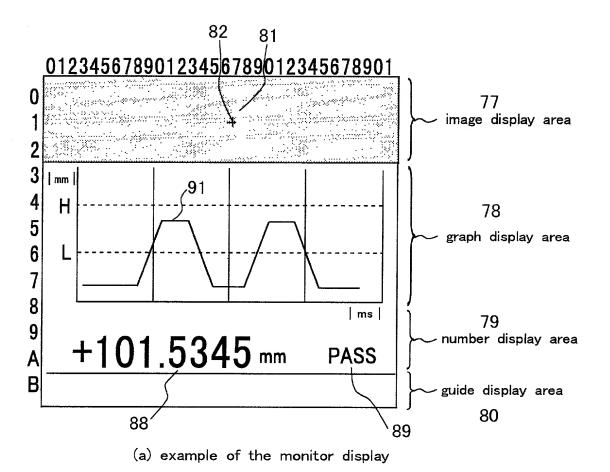


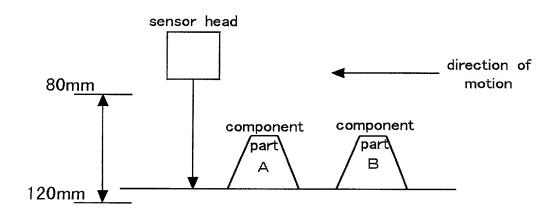




Title: DISPLACEMENT SENSOR HAVING A DISPLAY DATA OUT Inventor(s): Tatsuya Matsunaga, Atty. Docket No. 058856/0102 Sheet 15 of 23

Fig. 1 5



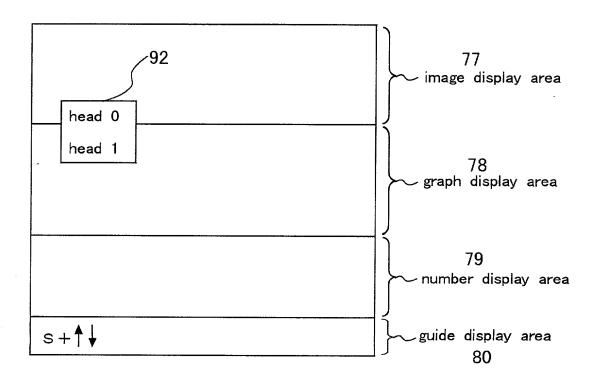


(b) relation between the sensor head and the object

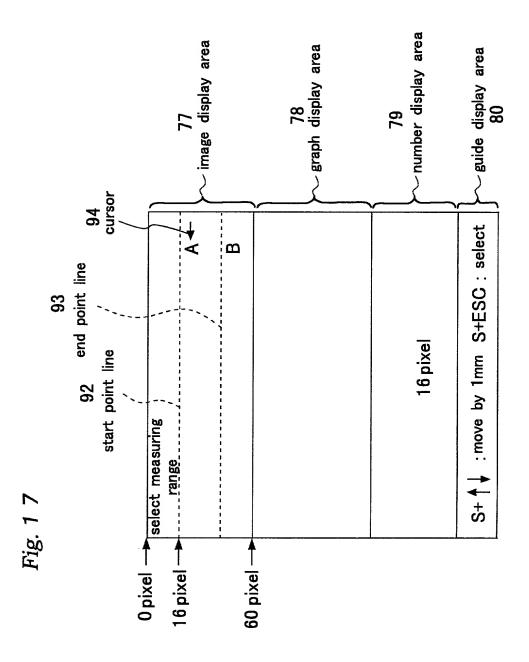


Title: DISPLACEMENT SENSOR
HAVING A DISPLAY DATA OUTP
Inventor(s): Tatsuya Matsunaga, et
Atty. Docket No. 058856/0102
Sheet 16 of 23

Fig. 1 6

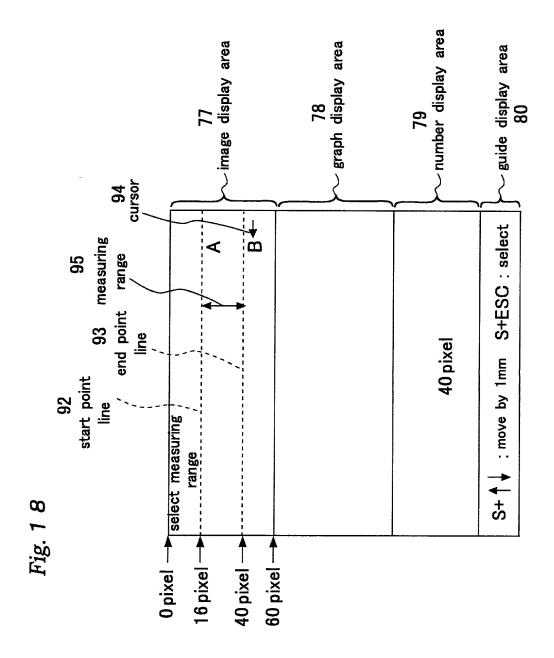


Title: DISPLACEMENT SENSOR
HAVING A DISPLAY DATA
Inventor(s): Tatsuya Matsunaga al.
Atty. Docket No. 058856/0102
Sheet 17 of 23

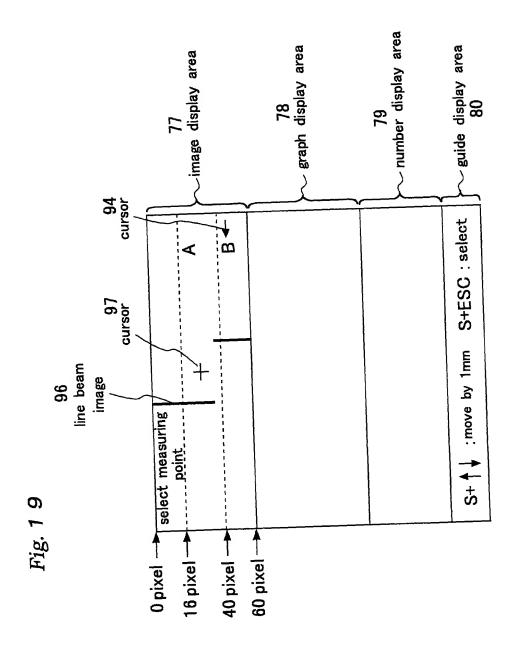


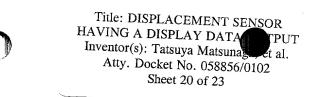


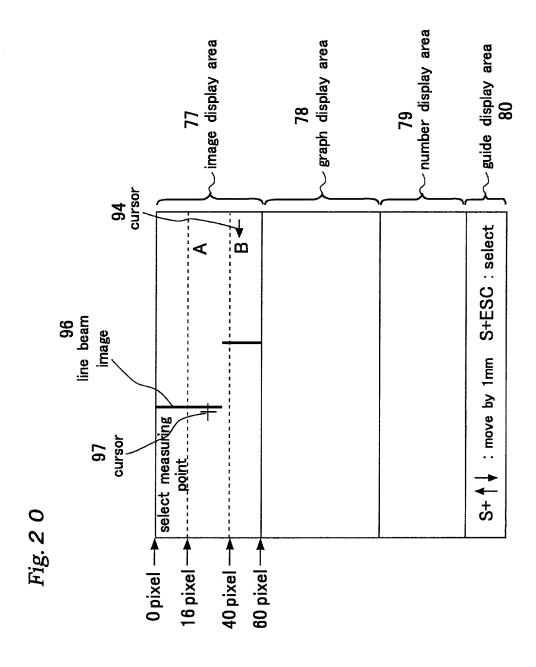
Title: DISPLACEMENT SENSOR HAVING A DISPLAY DATA OUT Inventor(s): Tatsuya Matsunaga, et al. Atty. Docket No. 058856/0102 Sheet 18 of 23



Title: DISPLACEMENT SENSOR
HAVING A DISPLAY DATA CONTROL
Inventor(s): Tatsuya Matsunag al.
Atty. Docket No. 058856/0102
Sheet 19 of 23

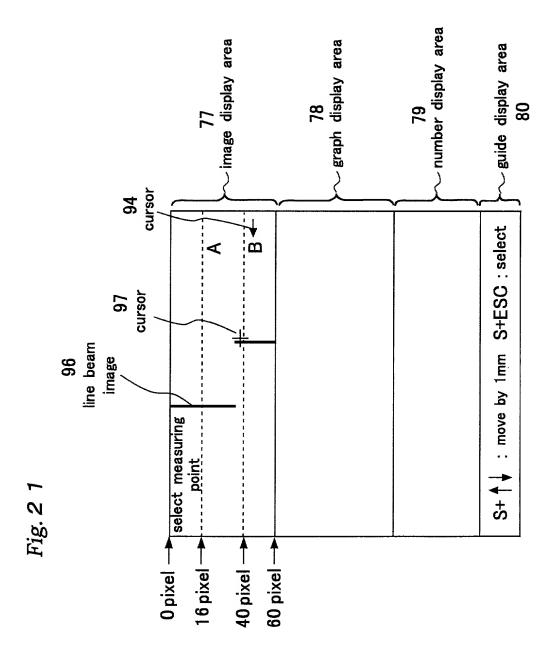








Title: DISPLACEMENT SENSOR
HAVING A DISPLAY DATA
Inventor(s): Tatsuya Matsunag
Atty. Docket No. 058856/0102
Sheet 21 of 23





Title: DISPLACEMENT SENSOR HAVING A DISPLAY DATA OUTP Inventor(s): Tatsuya Matsunaga, et a... Atty. Docket No. 058856/0102 Sheet 22 of 23

number display area - image display area √ guide display area 80 - graph display area 94 cursor S+ESC : select 98 cursor $\mathbf{\omega}$ 97 cursor 96 line beam image : move by 1mm 0 pixel select measuring S+ ↓ 60 pixel → 40 pixel → 16 pixel →

Fig. 22



Title: DISPLACEMENT SENSOR
HAVING A DISPLAY DATA OUT
Inventor(s): Tatsuya Matsunaga, et
Atty. Docket No. 058856/0102
Sheet 23 of 23

Fig. 2 3

